

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A lifter comprising:

at least two side support brackets, each said side support bracket comprising an upper end and end, a lower end, and a clamp for attachment to a surface;

at least one cross support beam comprising an adjustable length and opposing ends, and said cross support beam connectedly disposed to said side support brackets;

a plurality of lifting mechanisms; and

a transmission shaft; and

a power source connected to said transmission shaft capable of applying torque to said transmission shaft.

2. (original): The lifter of claim 1 wherein each said cross support beam is in proximate relationship with said upper end of two said side support brackets.

3. (original): The lifter of claim 1 wherein said at least one cross support beam is disposed in a perpendicular relationship to said side support brackets.

4. (currently amended): The lifter of claim 1 wherein a height of said side support brackets is adjustable.

5. (original): The lifter of claim 1 wherein a length of said transmission shaft is adjustable.

6. (currently amended): The lifter of claim 1 comprising six side support brackets.

7. (original): The lifter of claim 5 comprising three cross support beams.

8. (cancelled)

9. (currently amended): The lifter of claim 1 wherein said support bracket brackets additionally comprises comprise a leg extension to extend below an upper surface of a frame.

10. (currently amended): The lifter of claim 1 wherein said side support brackets additionally comprise a support foot attached to and adjacent said lower end of said side support brackets.

11. (currently amended): The lifter of claim 1 additionally comprising side support beams attached in perpendicular planar configuration with said side support brackets.

12. (currently amended): The lifter of claim 11 wherein said side support beams are adjustably connected to said side support brackets wherein said overall length of said lifter is thereby adjustable.

13. (original): The lifter of claim 1 wherein said side support brackets comprise an upper assembly having a support frame opening provided for inserting said cross beams therethrough.

14. (currently amended): The lifter of claim 13 wherein said side support brackets additionally comprise upper and lower crossbeam cross beam guides adjacent said opening.

15. (currently amended): The lifter of claim 13 additionally comprising a side support bracket brace having a side support frame hole for receipt of a crossbeam cross beam table width adjustment pin.

16. (currently amended): The lifter of claim 15 wherein said at least one cross support beam beam comprises comprise a plurality of adjustment holes disposed near each of said opposing ends for receipt of said crossbeam cross beam table width adjustment pin.

17. (currently amended): The lifter of claim 1 wherein said at least one cross support beam ~~beams~~ and said side support brackets are foldable in a storage configuration.

18. (currently amended): The lifter of claim 1 wherein said lifting mechanism comprises:

at least one winch;

said a transmission shaft disposed through each winch;

a plurality of pulleys;

at least one cable having opposing ends; and

at least one hook attached to at least one said end of said cable.

19. (original): The lifter of claim 18 wherein said transmission shaft is non-circular.

20. (original): The lifter of claim 18 wherein said pulleys are drop pulleys.

21. (original): The lifter of claim 18 additionally wherein said hook is a spring loaded hook.

22. (original): The lifter of claim 18 wherein said winch is disposed at an approximate midpoint of each said cross support beam.

23. (currently amended): The lifter of claim 22 wherein said plurality of pulleys are disposed at points on said at least one cross support beams beam interposed between said midpoint of said at least one cross support ~~beams~~ beam and a point of intersection of said at least one cross support ~~beams~~ beam and said side support brackets.

24. (original): The lifter of claim 23 wherein at least two pulleys are disposed on each said cross support beam.

25. (original): The lifter of claim 18 wherein said at least one cable is disposed through said at least one winch and at least one pulley.

26. (original): The lifter of claim 18 wherein said transmission shaft comprises a near end connected to said power source.

27. (original): The lifter of claim 18 wherein said power source for torquing said shaft is selected from the group consisting of a motor and a manually generated force.

28. (currently amended): The lifter of claim 18 further comprising:

a worm gear disposed at a near end of said power transmission shaft;

a noncircular bore formed in said worm gear, said bore attachable to said transmission shaft in a manner to provide transfer of torque to said shaft;

a worm;

a crank handle having a crank end and a connection end, said handle attached to said worm at said connection end; and

said worm positioned in relationship to said worm gear to transfer torque from said crank handle to said worm gear.

29. (original): The lifter of claim 18 wherein said winch comprises a double drum winch.

30. (original): The lifter of claim 18 wherein one winch disposed nearest said power source comprises a master winch.

31. (original): The lifter of claim 18 wherein said winch has an internal mechanism preventing reverse movement of said cable without engaging a manual release switch.

32 – 41 (cancelled)

42. (new): A lifter comprising:

at least two side support brackets each said side support bracket comprising an upper end, end and a lower end, and a leg extension to extend below an upper surface of a frame;

at least one cross support beam comprising an adjustable length and opposing ends, and said cross support beam connectedly disposed to said side support brackets;

a plurality of lifting mechanisms;

a transmission shaft; and

a power source connected to said transmission shaft capable of applying torque to said shaft; shaft.

~~wherein each said support bracket additionally comprises a leg extension to extend below an upper surface of a frame.~~

43. (new): The lifter of claim 42 wherein each said cross support beam is in proximate relationship with said upper end of two said side support brackets.

44. (new): The lifter of claim 42 wherein said at least one cross support beam is disposed in a perpendicular relationship to said side support brackets.

45. (new): The lifter of claim 42 wherein a height of said side support brackets is adjustable.

46. (new): The lifter of claim 42 wherein a length of said transmission shaft is adjustable.

47. (new): The lifter of claim 42 comprising six brackets.

48. (new): The lifter of claim 46 comprising three cross support beams.

49. (new): The lifter of claim 42 wherein said side support brackets additionally comprise a support foot attached to and adjacent said lower end of said side support brackets.

50. (new): The lifter of claim 42 additionally comprising side support beams attached in perpendicular planar configuration with said side support brackets.

51. (new): The lifter of claim 50 wherein said side support beams are adjustably connected to said side support brackets wherein said overall length of said lifter is thereby adjustable.

52. (new): The lifter of claim 42 wherein said side support brackets comprise an upper assembly having a support frame opening provided for inserting said at least one cross support beam therethrough.

53. (new): The lifter of claim 52 wherein said side support brackets additionally comprise upper and lower cross beam guides adjacent said opening.

54. (new): The lifter of claim 52 additionally comprising a side support bracket brace having a side support frame hole for receipt of a cross beam table width adjustment pin.

55. (new): The lifter of claim 54 wherein said at least one cross support beam comprises a plurality of adjustment holes disposed near each of said opposing ends for receipt of said cross beam table width adjustment pin.

56. (new): The lifter of claim 42 wherein said at least one cross support beam and said side support brackets are foldable in a storage configuration.

57. (new): The lifter of claim 42 wherein said lifting mechanism comprises:

- at least one winch;
- said transmission shaft disposed through each winch;
- a plurality of pulleys;
- at least one cable having opposing ends; and
- at least one hook attached to at least one said end of said cable.

58. (new): The lifter of claim 57 wherein said transmission shaft is non-circular.

59. (new): The lifter of claim 57 wherein said pulleys are drop pulleys.

60. (new): The lifter of claim 57 additionally wherein said hook is a spring loaded hook.

61. (new): The lifter of claim 57 wherein said winch is disposed at an approximate midpoint of each said cross support beam.

62. (new): The lifter of claim 61 wherein said plurality of pulleys are disposed at points on said at least one cross support beam interposed between said midpoint of said at least one cross support beam and a point of intersection of said at least one cross support beam and said side support brackets.

63. (new): The lifter of claim 62 wherein at least two pulleys are disposed on each said cross support beam.

64. (new): The lifter of claim 57 wherein said at least one cable is disposed through said at least one winch and at least one pulley.

65. (new): The lifter of claim 57 wherein said transmission shaft comprises a near end connected to said power source.

66. (new): The lifter of claim 57 wherein said power source for torquing said shaft is selected from the group consisting of a motor and a manually generated force.

67. (new): The lifter of claim 57 further comprising:

 a worm gear disposed at a near end of said power transmission shaft;
 a noncircular bore formed in said worm gear, said bore attachable to said transmission shaft in a manner to provide transfer of torque to said shaft;
 a worm;
 a crank handle having a crank end and a connection end, said handle attached to said worm at said connection end;
 said worm positioned in relationship to said worm gear to transfer torque from said crank handle to said worm gear.

68. (new): The lifter of claim 57 wherein said winch comprises a double drum winch.

69. (new): The lifter of claim 57 wherein one winch disposed nearest said power source comprises a master winch.

70. (new): The lifter of claim 57 wherein said winch has an internal mechanism preventing reverse movement of said cable without engaging a manual release switch.

71. (new): A lifter comprising:

at least two side support brackets each said side support bracket comprising an upper end, a lower end, and a support foot attached to and adjacent said lower end;

at least one cross support beam comprising an adjustable length and opposing ends, said cross support beam connectedly disposed to said side support brackets;

a plurality of lifting mechanisms;

a transmission shaft; and

a power source connected to said transmission shaft capable of applying torque to said shaft.

72. (new): The lifter of claim 71 wherein each said cross support beam is in proximate relationship with said upper end of two said side support brackets.

73. (new): The lifter of claim 71 wherein said at least one cross support beam is disposed in a perpendicular relationship to said side support brackets.

74. (new): The lifter of claim 71 wherein a height of said support brackets is adjustable.

75. (new): The lifter of claim 71 wherein a length of said transmission shaft is adjustable.

76. (new): The lifter of claim 71 comprising six side support brackets.

77. (new): The lifter of claim 75 comprising three cross support beams.

78. (new): The lifter of claim 71 additionally comprising side support beams attached in perpendicular planar configuration with said side support brackets.

79. (new): The lifter of claim 78 wherein said side support beams are adjustably connected to said side support brackets wherein said overall length of said lifter is thereby adjustable.

80. (new): The lifter of claim 71 wherein said side support brackets comprise an upper assembly having a support frame opening provided for inserting said at least one cross support beam therethrough.

81. (new): The lifter of claim 80 wherein said side support brackets additionally comprise upper and lower cross beam guides adjacent said opening.

82. (new): The lifter of claim 80 additionally comprising a side support bracket brace having a side support frame hole for receipt of a cross beam table width adjustment pin.

83. (new): The lifter of claim 82 wherein said cross support beams comprise a plurality of adjustment holes disposed near each of said opposing ends for receipt of said crossbeam table width adjustment pin.

84. (new): The lifter of claim 71 wherein said cross support beams and said side support brackets are foldable in a storage configuration.

85. (new): The lifter of claim 71 wherein said lifting mechanism comprises:

- at least one winch;
- said transmission shaft disposed through each winch;
- a plurality of pulleys;
- at least one cable having opposing ends; and
- at least one hook attached to at least one said end of said cable.

86. (new): The lifter of claim 71 wherein said transmission shaft is non-circular.

87. (new): The lifter of claim 71 wherein said pulleys are drop pulleys.

88. (new): The lifter of claim 71 additionally wherein said hook is a spring loaded hook.

89. (new): The lifter of claim 71 wherein said winch is disposed at an approximate midpoint of each said cross support beam.

90. (new): The lifter of claim 89 wherein said plurality of pulleys are disposed at points on said at least one cross support beam interposed between said midpoint of said at least one cross support beam and a point of intersection of said at least one cross support beam and said side support brackets.

91. (new): The lifter of claim 90 wherein at least two pulleys are disposed on each said cross support beam.

92. (new): The lifter of claim 71 wherein said at least one cable is disposed through said at least one winch and at least one pulley.

93. (new): The lifter of claim 71 wherein said transmission shaft comprises a near end connected to said power source.

94. (new): The lifter of claim 71 wherein said power source for torquing said shaft is selected from the group consisting of a motor and a manually generated force.

95. (new): The lifter of claim 71 further comprising:

 a worm gear disposed at a near end of said power transmission shaft;
 a noncircular bore formed in said worm gear, said bore attachable to said transmission shaft in a manner to provide transfer of torque to said shaft;
 a worm;
 a crank handle having a crank end and a connection end, said handle attached to said worm at said connection end;
 said worm positioned in relationship to said worm gear to transfer torque from said crank handle to said worm gear.

96. (new): The lifter of claim 71 wherein said winch comprises a double drum winch.

97. (new): The lifter of claim 71 wherein one winch disposed nearest said power source comprises a master winch.

98. (new): The lifter of claim 71 wherein said winch has an internal mechanism preventing reverse movement of said cable without engaging a manual release switch.

99. (new): A lifter comprising:

at least two side support brackets each said bracket comprising an upper end, a lower end, and an upper assembly having a support frame opening provided for inserting said cross beams therethrough;

at least one cross support beam comprising an adjustable length and opposing ends, said cross support beam connectedly disposed to said side support brackets;

a plurality of lifting mechanisms;

a transmission shaft; and

a power source connected to said transmission shaft capable of applying torque to said shaft.

100. (new): The lifter of claim 99 wherein each said cross support beam is in proximate relationship with said upper end of two said side support brackets.

101. (new): The lifter of claim 99 wherein said at least one cross support beam is disposed in a perpendicular relationship to said side support brackets.

102. (new): The lifter of claim 99 wherein a height of said support brackets is adjustable.

103. (new): The lifter of claim 99 wherein a length of said transmission shaft is adjustable.

104. (new): The lifter of claim 99 comprising six side support brackets.

105. (new): The lifter of claim 103 comprising three cross support beams.

106. (new): The lifter of claim 99 additionally comprising side support beams attached in perpendicular planar configuration with said side support brackets.

107. (new): The lifter of claim 106 wherein said side support beams are adjustably connected to said side support brackets wherein said overall length of said lifter is thereby adjustable.

108. (new): The lifter of claim 99 wherein said side support brackets additionally comprise upper and lower cross beam guides adjacent said opening.

109. (new): The lifter of claim 99 additionally comprising a side support bracket brace having a side support frame hole for receipt of a cross beam table width adjustment pin.

110. (new): The lifter of claim 109 wherein said cross support beams comprise a plurality of adjustment holes disposed near each of said opposing ends for receipt of said crossbeam table width adjustment pin.

111. (new): The lifter of claim 99 wherein said cross support beams and said side support brackets are foldable in a storage configuration.

112. (new): The lifter of claim 99 wherein said lifting mechanism comprises:

- at least one winch;
- said transmission shaft disposed through each winch;
- a plurality of pulleys;
- at least one cable having opposing ends; and
- at least one hook attached to at least one said end of said cable.

113. (new): The lifter of claim 112 wherein said transmission shaft is non-circular.

114. (new): The lifter of claim 112 wherein said pulleys are drop pulleys.

115. (new): The lifter of claim 112 additionally wherein said hook is a spring loaded hook.

116. (new): The lifter of claim 112 wherein said winch is disposed at an approximate midpoint of each said cross support beam.

117. (new): The lifter of claim 116 wherein said plurality of pulleys are disposed at points on said at least one cross support beam interposed between said midpoint of said at least one cross support beam and a point of intersection of said at least one cross support beam and said side support brackets.

118. (new): The lifter of claim 117 wherein at least two pulleys are disposed on each said cross support beam.

119. (new): The lifter of claim 112 wherein said at least one cable is disposed through said at least one winch and at least one pulley.

120. (new): The lifter of claim 112 wherein said transmission shaft comprises a near end connected to said power source.

121. (new): The lifter of claim 112 wherein said power source for torquing said shaft is selected from the group consisting of a motor and a manually generated force.

122. (new): The lifter of claim 112 further comprising:

a worm gear disposed at a near end of said power transmission shaft;

a noncircular bore formed in said worm gear, said bore attachable to said transmission shaft in a manner to provide transfer of torque to said shaft;

a worm;

a crank handle having a crank end and a connection end, said handle attached to said worm at said connection end;

said worm positioned in relationship to said worm gear to transfer torque from said crank handle to said worm gear.

123. (new): The lifter of claim 112 wherein said winch comprises a double drum winch.

124. (new): The lifter of claim 112 wherein one winch disposed nearest said power source comprises a master winch.

125. (new): The lifter of claim 112 wherein said winch has an internal mechanism preventing reverse movement of said cable without engaging a manual release switch.

126. (new): A lifter comprising:

at least two side support brackets each said side support bracket comprising an upper end and a lower end;

at least one cross support beam comprising an adjustable length and opposing ends, said cross support beam connectedly disposed to said side support brackets;

a plurality of lifting mechanisms;

a transmission shaft;

a power source connected to said transmission shaft capable of applying torque to said shaft;

at least one winch;

said transmission shaft disposed through each winch;

a plurality of pulleys;

at least one cable having opposing ends; and

at least one hook attached to at least one said end of said cable.

127. (new): The lifter of claim 126 wherein each said cross support beam is in proximate relationship with said upper end of two said side support brackets.

128. (new): The lifter of claim 126 wherein said at least one cross support beam is disposed in a perpendicular relationship to said side support brackets.

129. (new): The lifter of claim 126 wherein a height of said support brackets is adjustable.

130. (new): The lifter of claim 126 wherein a length of said transmission shaft is adjustable.

131. (new): The lifter of claim 126 comprising six side support brackets.

132. (new): The lifter of claim 130 comprising three cross support beams.

133. (new): The lifter of claim 126 additionally comprising side support beams attached in perpendicular planar configuration with said side support brackets.

134. (new): The lifter of claim 133 wherein said side support beams are adjustably connected to said side support brackets wherein said overall length of said lifter is thereby adjustable.

135. (new): The lifter of claim 126 wherein said side support brackets additionally comprise upper and lower cross beam guides adjacent said opening.

136. (new): The lifter of claim 126 additionally comprising a side support bracket brace having a side support frame hole for receipt of a cross beam table width adjustment pin.

137. (new): The lifter of claim 136 wherein said cross support beams comprise a plurality of adjustment holes disposed near each of said opposing ends for receipt of said crossbeam table width adjustment pin.

138. (new): The lifter of claim 126 wherein said cross support beams and said side support brackets are foldable in a storage configuration.

139. (new): The lifter of claim 126 wherein said transmission shaft is non-circular.

140. (new): The lifter of claim 126 wherein said pulleys are drop pulleys.

141. (new): The lifter of claim 126 additionally wherein said hook is a spring loaded hook.

142. (new): The lifter of claim 126 wherein said winch is disposed at an approximate midpoint of each said cross support beam.

143. (new): The lifter of claim 142 wherein said plurality of pulleys are disposed at points on said at least one cross support beam interposed between said midpoint of said at least one cross support beam and a point of intersection of said at least one cross support beam and said side support brackets.

144. (new): The lifter of claim 143 wherein at least two pulleys are disposed on each said cross support beam.

145. (new): The lifter of claim 126 wherein said at least one cable is disposed through said at least one winch and at least one pulley.

146. (new): The lifter of claim 126 wherein said transmission shaft comprises a near end connected to said power source.

147. (new): The lifter of claim 126 wherein said power source for torquing said shaft is selected from the group consisting of a motor and a manually generated force.

148. (new): The lifter of claim 126 further comprising:

 a worm gear disposed at a near end of said power transmission shaft;
 a noncircular bore formed in said worm gear, said bore attachable to said transmission shaft in a manner to provide transfer of torque to said shaft;
 a worm;
 a crank handle having a crank end and a connection end, said handle attached to said worm at said connection end;
 said worm positioned in relationship to said worm gear to transfer torque from said crank handle to said worm gear.

149. (new): The lifter of claim 126 wherein said winch comprises a double drum winch.

150. (new): The lifter of claim 126 wherein one winch disposed nearest said power source comprises a master winch.

151. (new): The lifter of claim 126 wherein said winch has an internal mechanism preventing reverse movement of said cable without engaging a manual release switch.